

U.S. DEPT. COMM./NOAA/OAO - DATA SECTION WORK FORM NO.1 OADWF1 FILE

FLT ID: 980117N	FM: KANL	TO: KANL
FLT NO: 98-011	BLK IN: 0228Z	ATA: 0225Z
ETD: 1900Z	BLK OUT: 1844Z	RTD: 1854Z
ETE: 0230Z	BLK TIME: 7.44 7.7	FLT TIME: 7.31 7.5
SPONSOR ORG: NOAA/MLER	PROGRAM: NORPEX	PURPOSE:

OAO PERSONNEL

RC PLAYER, G ✓	SYS ENG GOLDSTEIN, A ✓
CP MAXSON, B ✓ / FINKE, M ✓	DATA SYS HORN BROOK, C ✓
NAV	RADAR
FE KITSON, G	DT/ODW SMITH, J ✓
RADIO	CLD PHYS
FD C2424K, S ✓	DOPPLER

PARTICIPATING SCIENTIST/VISITORS/OAO

LAST, FIRST NAME	ACTIVITY ON A/C	AFFILIATION
SHAPIRO, M ✓	PI	ETC
FRANKLIN, J ✓	HAPS	HRD
GOLDENBERG, S ✓	HAPS	HRD
BALL, B ✓		NCAR

PROPOSED/ACTUAL MISSION/REMARKS (RECCO, FIXES, STORM, PENET, NHOP #)

INTERNET PHONE CALL 2007Z - 2009Z NO CONNECT
2009Z - 2012Z NO CONNECT

TEAL 19

COOPER ON OAKLAND

BALANCED DWL 2342Z
DWR 2347Z

25 Messages sent

U.S. DEPT. COMM./NOAA/ORD - DATA SECTION WORK FORM NO.2 OROWF2

FLT ID: 980117N

TIME OFF: 1854Z

TIME ON: 0225Z

	A/C T/O	WX STN	A/C LAND	WX STN
PRESSURE	1017.8	30.10	1016.8	30.04

NO

DATA DISPOSITION/DATE/QUALITY

1/SEC FLT LVL TAPES

FAST FLT LVL TAPES

RADAR TAPES

DOPPLER TAPES

ODW CASSETTES

HARD COPIES

AXBT

AXCP

ODW

G.P.S

29

PHOTOGRAPHY

	FWD	LS	RS	VERT
ON				
OFF				
RATE				

REMARKS

980117N

TIME	LAT	CON	TK	HD	TA	TD	WD	WS	PA	GA	PS	REMARKS
193230	24 37	154 59	35	24	-60.6	-64.9	261	52.9	12556	13047	175.8	LEVEL 41K
195530	27 30	153 20	25	07	-60.7	-68.8	265	71.9	12558	12913	175.9	DROP 1 GOOD
201535	30 00	152 00	28	11	-61.6	-72.7	267	75.3	12556	12742	175.9	DROP 2 GOOD
203648	32 30	150 20	27	14	-56.1	-66.7	291	45.8	12559	12553	175.9	DROP 3 LIGHT-MOD TURB
205926	32 48	150 10										DROP 3 REPLACEMENT
204855	33 50	149 33	27	12	-55.7	-67.9	285	53.8	12555	12437	175.9	DROP 3A ADDED
205927	35 06	148 45	30	19	-50.0	-65.9	274	45.9	12552	12342	175.9	DROP 4 M-LAUNCH OBJECT
210028	35 13	148 40										DROP 4 REPLACEMENT
211837	32 21	147 06										DROP 5
214306	40 04	145 23	281	276	-45.9	-62.4	256	34.4	12554	12126	176.0	DROP 6 NO RH, WIND
214505	40 06	145 39										DROP 6 REPLACEMENT
215055	40 13	146 28	282	277	-47.5	-62.6	259	31.1	12553	12106	175.9	DROP 7 GOOD
220105	40 26	147 55	282	278	-47.2	-63.2	265	30.2	12554	12112	175.9	DROP 8 GOOD
221100	40 39	149 21	282	279	-47.2	-63.0	272	28.3	12549	12092	175.1	DROP 9 GOOD
222104	40 52	150 49	283	281	-46.9	-62.8	280	29.8	12550	12112	176.0	DROP 10 GOOD
223022	41 05	152 05	282	281	-47.7	-62.8	285	32.8	12548	12113	176.1	DROP 11 GOOD
224018	41 18	153 32										DROP 12 NO PRESSURE
224312	41 22	153 57	281	282	-48.7	-63.8	295	31.4	12549	12137	176.0	DROP 12 REPLACEMENT
225034	41 31	154 59	282	282	-51.4	-64.6	295	34.5	13137	12777	159.6	DROP 13 LEVEL 43K
230104	41 44	156 26	283	285	-53.0	-66.3	299	42.1	13133	12799	159.7	DROP 14
231322	41 55	158 05	217	227	-54.8	-67.7	296	48.7	13131	12844	159.7	DROP 15 GOOD
232337	40 58	159 23	218	231	-58.7	-69.8	302	61.1	13134	12908	159.9	DROP 16 GOOD
233532	39 50	159 56	264	178	-64.3	-71.3	283	67.2	13131	12982	158.9	DROP 17 GOOD
234925	38 00	159 18	166	174	-62.4	-71.4	297	54.4	13709	13647	144.8	DROP 18 LEVEL 45K
000408	36 00	158 40	166	174	-64.9	-72.9	298	52.8	13704	13736	144.9	DROP 19
001903	34 00	158 01	165	173	-64.7	-72.9	293	47.0	13703	13818	144.9	DROP 20 GOOD
0029												LIGHT-MOD TURB
003444	32 00	157 24	164	174	-65.9	-73.9	268	45.6	13706	13923	144.8	DROP 21
005054	30 00	156 46	164	178	-69.9	-74.4	269	61.6	13702	14009	145.0	DROP 22 GOOD
0100												CIRCUITS TAKEN BELOW 35K
010636												EDGE OF CIRCUITS
010736	28 00	156 08	166	179	-68.2	-74.2	258	59.1	13698	14097	145.1	DROP 23
012300	26 15	155 39	167	181	-70.5	-75.1	256	63.1	13697	14172	145.1	DROP 24

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
(NOAA)
Aircraft Operations Center
MacDill Air Force Base,
Florida 33608

TRAFFIC
TCAS
Below
US

Mission ID issued from CARCAH

NOAA9 NORPEX 05

Takeoff (Date/Time): 17/1900Z

ROO HOOPER

Aircraft Type Gulfstream IV-SP
Call Sign NOAA 49
Tail Number N49RF
Altitude Block F410-F450
Airspeed ~Mach 0.72-0.76 450 KTAS (Average)

21942

Proposed Drop Points

Locations for dropsonde releases are indicated by a drop number

Drop Number	Location: LAT(N)/LONG(W) (degrees and minutes)	Dist. (nm)	ETE	ETA Date/Time(Zulu)
	Honolulu (PHNL)	---	-----	17/1900 Takeoff
	25 10/154 34 (ANELE)	300	0+45	17/1945
✓1	27 30/153 20	150	0+20	17/2005
✓2	30 00/152 00	170	0+23	17/2028
✓3	32 30/150 20	170	0+23	17/2041
✓4	35 00/148 50	170	0+23	17/2104
✓5	37 30/147 00	170	0+23	17/2127
✓6	40 00/145 00	170	0+23	17/2150
✓7	40 13/146 27	67	0+10	17/2200
✓8	40 26/147 54	67	0+10	17/2210
✓9	40 39/149 21	67	0+10	17/2220
✓10	40 52/150 48	67	0+10	17/2230
✓11	41 05/152 05	67	0+10	17/2240
✓12	41 18/153 32	67	0+10	17/2250

COOPER

16

31K

4 DEGREES SOUTH

GOOD THRU 9

✓ 13	41 31/154 59	67	0+10	17/2300
✓ 14	41 44/156 26	67	0+10	17/2310
✓ 15	42 00/158 00	67	0+10	17/2320
✓ 16	41 00/159 00	70	0+10	17/2330
✓ 17	40 00/160 00	70	0+10	17/2340
✓ 18	38 00/159 18	120	0+16	17/2356
✓ 19	36 00/158 40	120	0+16	17/0012
✓ 20	34 00/158 02	120	0+16	17/0028
✓ 21	32 00/157 24	120	0+16	17/0048
✓ 22	30 00/156 46	120	0+16	17/0100
✓ 23	28 00/156 08	120	0+16	17/0116
✓ 24	26 02/155 35 (ZURIC)	120	0+16	17/0132
	Honolulu (PHNL)	300	1+00	18/0232 Land

POC: LCDR Sean White, NOAA

Cellular Phone: 813/833-3275
 Airport # 800/821-3122 ext134
 Hotel: 808/923-3111 Room#1049

HEADER LINE
 HAS CONTROL CHARS.
 HAVE THEY CAUSED ANY
 PROBLEMS
 0817 MILES

NN